

# **TRANSPORTATION SYSTEMS**



## **MARINE CORPS TACK-ON**

**26 April 2007**

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*Mr. Joseph  
Rothrock*



# TRANSPORTATION SYSTEMS

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- **HQMC I&L**
  - LPD-1
    - DSN 225-7930
      - Commercial (703) 695-7930
      - Facsimile 225-8160 or (703) 695-8160
      - Mr. Joseph W. Rothrock (joseph.rothrock@usmc.mil)



# TRANSPORTATION SYSTEMS

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- **Overview**

- DPRP
- W2W
- AMS-TAC
- CMOS
- NMCI
- AT-21
- TED2
- TDR Automation
- Steel Roads



# TRANSPORTATION SYSTEMS

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- **Distribution Process Review Program (DPRP)**
- TRANSCOM Reviewing all Services, DLA
- Sub - functional IPT's
  - TDM SSRB
  - TDM CBAT
  - TDM IPT
- Creating Systems Merge
  - IRRIS/DTTS
  - GATES/WPS



# TRANSPORTATION SYSTEMS

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- **Warehouse to Warfighter (W2W)**
  - Successful testing of Iridium communications
  - Reconfigured new Kits being fielded (MROC)
    - I MEF MDC – 12
    - II MEF MDC – 12
    - III MEF MDC – 12
    - Iraq – 24
  - FSR CONUS – Camp Lejeune
  - FSR on-site in Iraq



# TRANSPORTATION SYSTEMS

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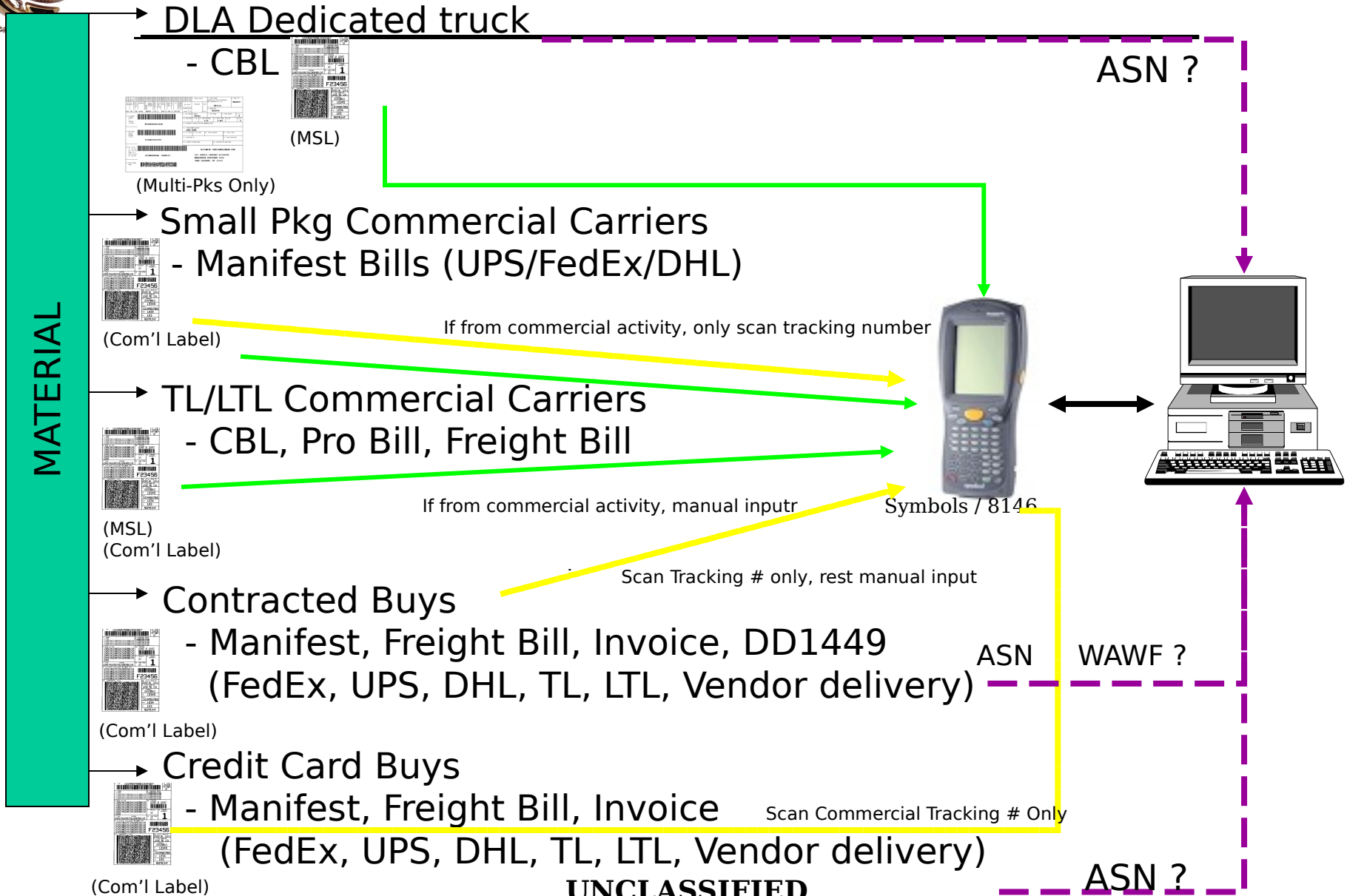
- **Automated Manifest System - Tactical (AMS-TAC)**
  - Contracting Challenges
    - Switching to Army Contract
  - Draft Charter, USMC, Army, Navy (USMC Lead ?)
  - Integrating W2W functionality in three phases
  - Phase 1, ver 3.2 in IA process
  - Fielding around Jun/Jul 07
  - Phase 2 (AS,W2W feeds) and Phase 3 (Web) in discussions
  - Navy Requirements
  - Army Requirements



# TRANSPORTATION SYSTEMS

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- **AMS-TAC con't**
  - Passive RFID – DLA Garrison
    - Lejeune
  - Passive Last Tactical Mile
    - Replace Active tag
  - Mini-DESK
    - Fielded
    - Requirements message near future
  - OSD initiative
    - EDI 858 from WAWF
      - Contracts
      - Lejeune pilot ?







# TRANSPORTATION SYSTEMS

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- **Cargo Movement Operations System (CMOS)**
  - DoD Shipping System under TCAIMS II umbrella
    - Roll-up AMS-TAC functionality
    - Working analysis with TDM IPT
      - Intent is One Shipping/Distribution system
  - Version 7.2 being worked for IA
    - May/Jun upgrade ?
  - Ver 8.0 Army only (Citrix)
  - Ver 8.1 for all Services (Web)
    - NMCI Challenges ?



# TRANSPORTATION SYSTEMS

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- **CMOS con't**
  - Training MCCSSS – Jul/Sept 07
  - OSI2P
    - Testing at Miramar
    - Next site Beaufort
    - Evaluation, info paper
    - Implement USMC Wide
      - One Shipping System
      - Garrison/Deployed
  - SQL Queries for Monthly Reports
  - RFID Tags, all writing ?



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- **Navy Marine Corps Internet (NMCI)**
  - Attachment 15 of NMCI Contract
    - Pay for connections (EDS maintains Legacy Network)
  - Desktops CLIN 29KQ
    - CLIN orders placed, local NMCI will be contacting you to identify connections.
      - AMS
      - CMOS
  - Servers CLIN 27AG
    - Completed, C4I funding
      - TOPS
      - AMS (CLNC, CPCA, Oki, BIC)



# TRANSPORTATION SYSTEMS

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## Agile Transportation for the 21<sup>st</sup> Century (AT21)

2009-2013

Program Sponsor:  
USTRANSCOM

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# *Concept Of Operations Summary*

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- Mission Area (Focused Logistics / Net-Centric C2)
- Requirements:
  - Improved coordination and synchronization with JDDE partners
  - Visibility of movement requirements
  - Mode optimization
  - Improved velocity and reliability of the DOD supply chain
  - Increased deployment & distribution planning effectiveness
  - Reduced customer response times
  - Reduced cost
  - Fully collaborative environment
- Synchronized distribution operations
  - Order Management & Exception Management Reporting
  - Transaction Monitoring
  - Collaboration with USTRANSCOM as DPO and lift provider
  - Transportation Management and Execution



# Concept Of Operations Summary

## Requirements

## Planning Factors

**COCOM-ORIENTED**

**DIVISIONS**

**ASSESS**

**PLAN**

National & COCOM  
Competing  
Requirements  
Supplier locations  
Airlift  
Capacit y  
Sealift  
Capacit y  
Production  
n Capacity  
Commercial vs.  
Organic  
Consumpti  
on Rates  
Costs

**Multi-modal**  
**End to End**  
**Transportation**  
**CONOPS**

**Detailed Tasking**

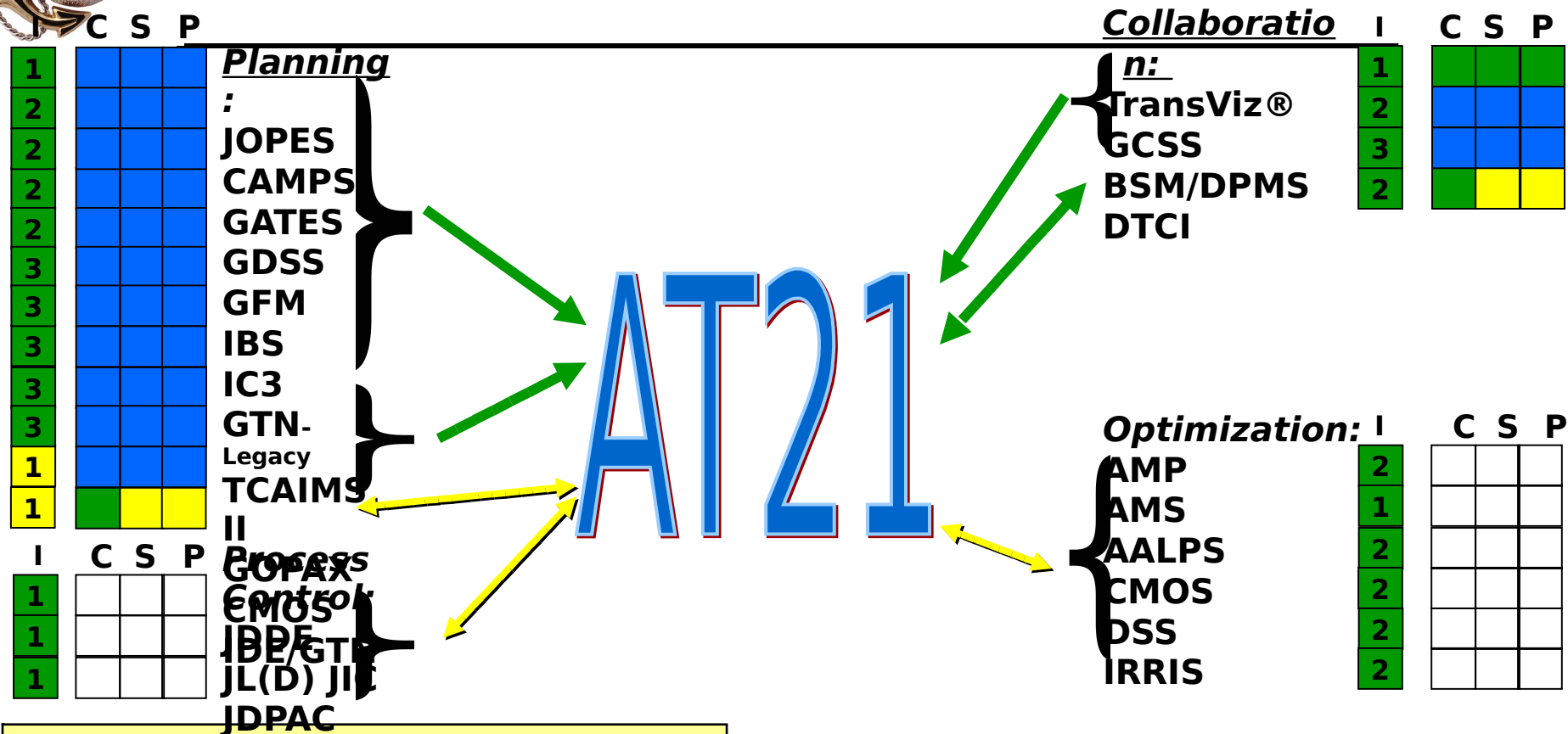
**EXECUTE**

- Develop & Operate Responsive Mobility System
- Transform the Way We Work Together

**Directly supports JL (D) JIC shortfalls: Conduct JDDE assess & plan, Control JDDE operations, Conduct JDDE performance analysis**



# Interrelationships, Dependencies & Synchronization with Complementary Systems



Capability Area: FL & C2 (Net Centric)

Roadmaps: JDDE | JL(D) JIC

MOSA Rating: N/R | Planned

- Solid denotes current system
- Dash denotes future system
- Arrow to AT21 denotes supports AT21
- Arrow from AT21 denotes AT21 supports
- No known platform or system issues
- Monitoring potential interoperability

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PM DAES Rating: I

Rated Field 1

C S P Not



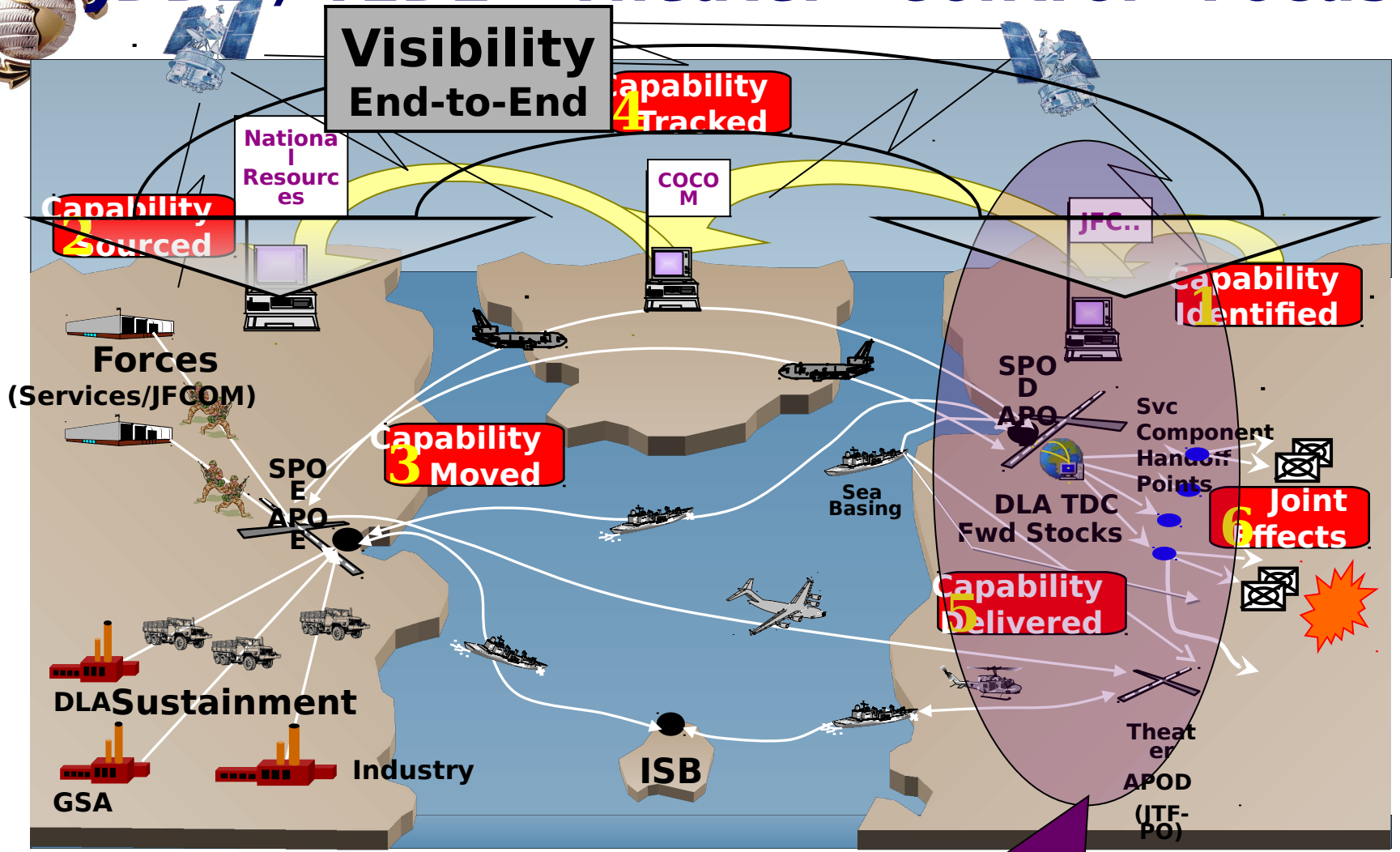
I = Integration.

Color denotes Synchronization of effort with this program

Number denotes degree of dependency:



# DDDE / TED2 - Theater "Control" Focus



End-to-End  
"Enterprise"

"Control" theater movements,  
"Coordinate & Synchronize"





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# Questions ?

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